

## Single Chip Light Electricity Characteristic Data

### ※Absolute Maximum Ratings at Ta=25°C

Parameter	Rating	Unit
Power Dissipation Per Chip	50	mW
Perk Forward Current Per Chip (Frequency 10KHz,1/10Duty Cycle)	60	mA
Reverse Voltage Per Chip	5	V
Operating Temperature Range	-20~+80	°C
Storage Temperature Range	-25~+85	°C
Storage Humidity	45%~85%	

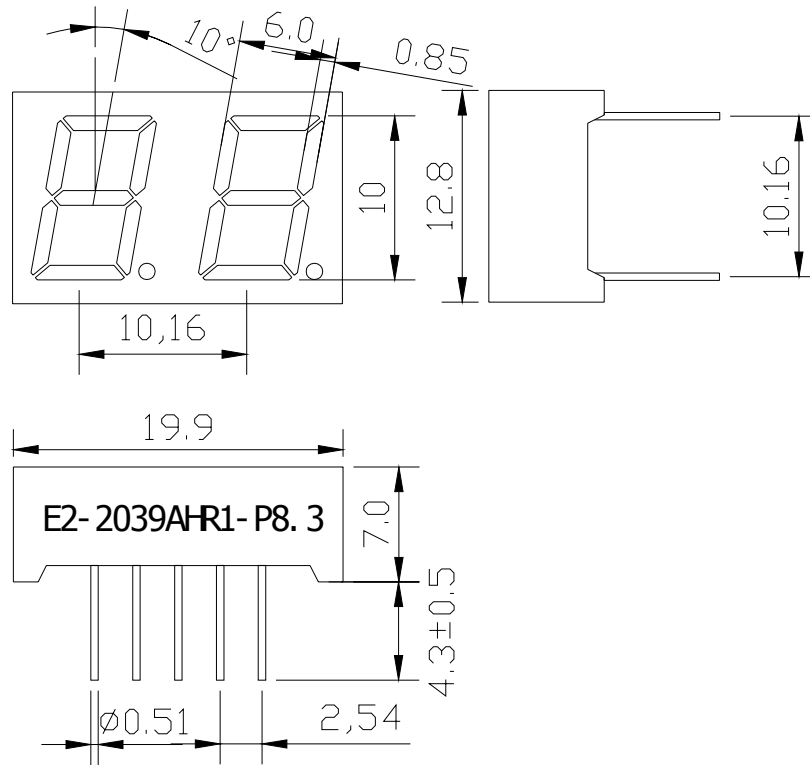
### ※Electrical and Optical Characteristics at Ta=25°C

Parameter	Symbol	Condition	Color	Min	Typ	Max	Unit
Forward Voltage Per Chip	VF	IF=20mA	Red	1.7	1.8	2.2	v
Reverse Current	IR	VR=5V	-	-	-	50	uA
Luminous Intensity Per Chip	IV	IF=20mA	Red	7	10	14	mcd
Dominant Wave Length	$\lambda d$	IF=20mA	Red	638	645	650	nm
Normal Forward Current	IF		All Color	5	10	20	mA

Note : Soldering Bath : not more than 4 seconds @260°C ◦ The bottom ends of plastic reflector should be at least 2mm above the solder surface ◦

Soldering Iron : not more than 3 seconds @300°C under 30W ◦

# PACKAGE DIMENSION (Unit: mm Tolerance: $\pm 0.5$ )



# INTERNAL CIRCUIT DIAGRAM

